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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete If Known

Application Number Not Yet Assigned
Filing Date Herewith
First Named Inventor Bryant, Clifford M.
Group Art Unit
Examiner Name
Attorney Docket Number 015058-003011US

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RA	AA	JP	S39-26878		Irikura	05/06/67		
RA	AB	PC	WO 00/51998		Cwyn et al.	09/08/00		
RA	AC	PC	WO 00/55124		Buyse et al.	09/21/00		
RA	AD	PC	WO 01/58886	A1	Missbach	08/16/01		
RA	AE	PC	WO 01/55125	A1	Bözsing et al.	08/02/01		
RA	AF	PC	WO 95/24382		Hallinan et al.	08/14/95		
RA	AG	PC	WO 95/15309		Jenkins et al.	06/08/95		
RA	AH	PC	WO 90/13561		Barrett et al.	11/15/90		
RA	AI	PC	WO 95/13069		Morriello et al.	05/18/95		
RA	AJ	PC	WO 98/08867		Sugawara	03/05/98		
RA	AK	EP	0 355 572		Stüber	02/28/90		
RA	AL	EP	0 536 399		Okubo et al.	04/14/93		
RA	AM	EP	0 419 683		Uchida et al.	04/03/91		
RA	AN	EP	0 754 454		Tanaka et al.	01/22/97		

Examiner Signature

Robert J. Anderson

Date Considered

3/3/05

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/068 (08-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete If Known

Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Bryant, Clifford M.
Group Art Unit	
Examiner Name	
Attorney Docket Number	015058-003011US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PL	AO	Ashworth, et al. "4-Cyanothiazolidides as very potent, stable inhibitors of dipeptidyl peptidase IV," <u>Bioorganic & Med. Chem. Letters</u> , B, Oxford, 6(22):2745-2748 (1996).	
KB	AP	Bergeman, Marco et al., "Studies on the reactivity of .alpha.-cyano.alpha.-isocyano alkanooates. Versatile synthons for the assembly of imidazoles," <u>Helv. Chim. ACTA</u> , 82(6):909-918 (1999).	
KL	AQ	Dufour et al. "Engineering nitrile hydratase activity into a cysteine protease by a single mutation," <u>Biochemistry, US, Am. Chem. Soc.</u> , Easton, PA, 34(50):16382-16388 (1995).	
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PL	AU	Lipshutz, et al. "Chiral induction in originally racemic amino acids via 5-acyl and 5-acyloxyaminoxazoles," <u>Isr. J. Chem.</u> 27(1):49-55 (1986), abstract.	
PL	AV	Lipshutz, et al. "Heterocycles as masked diamide/dipeptide equivalents. Formation and reactions of substituted 5-(acylamino)oxazoles as intermediates en route to the cyclopeptide alkaloids," <u>J. Am. Chem. Soc.</u> , 105(26):7703-7713 (1983).	
PL	AW	Lipshutz, et al. "Oxazolophanes as masked cyclopeptide alkaloid equivalents: cyclic peptide chemistry without peptide couplings," <u>J. Am. Chem. Soc.</u> , 112(19):7032-7041 (1990).	
PL	AX	McMath, et al. "Direct dialkylation of peptide nitriles. Application of the synthesis of 1-aminocyclopropane-1-carboxylic acid (Acc)-containing dipeptides," <u>Bull. Soc. Chim. Fr.</u> 134(1):105-110 (1997).	
PL	AY	Moser et al. "130 Poly (dipeptamidinium)-Salze: definition und metoden zur preparativen herstellung. poly (dipeptamidinium) salts: definition and methods of preperation," <u>Helvetica Chimica ACTA</u> , CH, Verlag, Basel 69:1224-1262 (1986).	
PL	AZ	North et al. "Synthetic studies towards cyclic peptides. Concise synthesis of thiazoline and thiazole containing amino acids," <u>Tetrahedron</u> , 46(24):8267-8290 (1990).	

Examiner Signature

Steven Anderson

Date Considered

3/3/05

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		Applicati n Number	Not Yet Assigned
		Filing Date	Herewith
		First Named Invent r	Bryant, Clifford M.
		Group Art Unit	
		Examiner Name	
Sheet 3 of 3	Attorney Docket Number	015058-003011US	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DA	BA	Nippon, K., "Patent Abstracts of Japan," Publication No. 63301868, 013(137)(1988), abstract.	
BA	BB	Thompson et al. "Carboxyl-modified amino acids and peptides as protease inhibitors," <u>J. Med. Chem.</u> , 29(1):104-111 (1986).	
BA	BC	Vargha; Eugen: "Peptide derivatives. VI. N-protected di- and tripeptide nitriles," <u>Stud. Univ. Babes-Bolyai, Ser. Chem.</u> , 13(2):31-5 (English astract of article in Romanian) (1968).	
BA	BD	Varughese "The structure and resonance Raman spectra – structure correlations for methoxycarbonyl-L-phenylalanyl-L-alanine ethyl dithioester," <u>Can. J. Chem.</u> , 64(8):1668-1673 (1986).	
BA	BE	Yamada, et al. "Studies of unusual amino acids and their peptides. IX. The synthetic study of bottromycins B1 and B2," <u>Bul. Chem. Soc., Jpn.</u> 51(3):878-83 (1978), abstract.	

Examiner Signature		Date Considered	3/3/05
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Application Number		Not Yet Assigned			
Filing Date		Herewith			
First Named Inventor					
Group Art Unit					
Examiner Name					
Attorney Docket Number		015058-003011US			
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	09/526,485		Bryant et al.		

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RL	2	EP	WO 00/49007					<input type="checkbox"/>
RL	3	EP	WO 00/49008					<input type="checkbox"/>
RL	4	EP	WO 01/30772 A1					<input type="checkbox"/>
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RL		U.S. Patent Application S.N. 09/526,485, Bryant et al., filed 3/15/2000.	<input type="checkbox"/>
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Examiner Signature		Date Considered	3/3/05
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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Attorney Docket No.: 015058-003011US		Applicant: Cifford M. Bryant, et al.	
			Filing Date: Herewith		Group:	

Reference Designation		U.S. PATENT DOCUMENTS				Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)

FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
<u>RB</u> AA	JP 63 301868	12/8/88	Japan	—	—	abstract only.
<u>RB</u> AB	WO 98 01133	01/15/98	WO	—	—	abstract only
<u>RB</u> AC	WO 99 24460	05/20/99	WO	—	—	yes

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
<u>RB</u> AD	Hanzlik, Robert P. et al.: "Reversible covalent binding of peptide nitriles to papain" Biochim. Biophys. Acta, vol. 1035, no. 1, 1990, pages 62-70
<u>RB</u> AE	Suzue, Seigo et al.: "Hepatic agents. I. Synthesis of aminocyl (and hydroxyacyl) aminoacetonitriles" [translated abstract], Chem and Pharm. Bull. (Tokyo) (1968), 16(8), 1417-32

EXAMINER <u><i>Foley</i></u>	DATE CONSIDERED <u>3/3/05</u>
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FORM PTO-1449 (Modified)			Attorney Docket No.: 015058-003011US		Application No.	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Applicant: Clifford M. Bryant, et al.			
			Filing Date: Herewith		Group:	
Reference Designation			U.S. PATENT DOCUMENTS			Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
RA AA	JP 42009133	05/06/67	Japan			no
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER <i>Robert Aguirre</i>			DATE CONSIDERED <i>RA</i> 3/3/05			

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Notice of References Cited	Application/Control No.		Applicant(s)/Patent Under Reexamination BRYANT ET AL.	
	Examiner		Art Unit	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
Re	*	A US-6,455,502-B1	09-2002	Bryant et al	514/19
PB	*	B US-6,476,026-B1	11-2002	Bryant et al	514/235.8
PB	*	C US-6,593,327-B2	07-2003	Bryant et al	514/235.8
PB	*	D US-2003/0119788-A1	06-2003	Bryant et al	514/114
PB	*	E US-6,492,362-B1	12-2002	Graupe et al	514/237.5
PB		F US-6,395,897-B1	05-2002	Cywin et al	544/163
PB	*	G US-4,927,809	05-1990	Stuber et al	514/20
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		R				
		S				
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)			
Re	*	U	Picken et al. Inhibition of bovine cathepsin B... Biochem. Soc. Trans. April 1990, Vol. 18, Part 2, page 316.		
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Notice of References Cited

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Leban Jordan